

MAJOR SOURCE OPERATING PERMIT

Permittee: **Calhoun Power Company I, LLC**
Facility Name: **Calhoun Energy Center**
Facility No.: 301-0073
Location: Eastaboga, Calhoun County, Alabama

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, as amended, Ala. Code 1975, §§22-28-1 to 22-28-23 (2006 Rplc. Vol.) (the "AAPCA") and the Alabama Environmental Management Act, as amended, Ala. Code 1975, §§22-22A-1 to 22-22A-15, (2006 Rplc. Vol.) and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.

*Pursuant to the **Clean Air Act of 1990**, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management, and citizens in general. Those provisions which are not required under the **Clean Air Act of 1990** are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.*

Issuance Date: *DRAFT*
Effective Date: *DRAFT*
Expiration Date: *DRAFT*

TABLE OF CONTENTS

GENERAL PERMIT PROVISOS	3
SUMMARY PAGE FOR FOUR (4) 170 MW NATURAL GAS/DISTILLATE FUEL OIL FIRED COMBUSTION TURBINES.....	14
PROVISOS FOR FOUR (4) 170 MW NATURAL GAS/DISTILLATE FUEL OIL FIRED COMBUSTION TURBINES.....	15
<i>Applicability.....</i>	<i>15</i>
<i>Emission Standards</i>	<i>15</i>
<i>Compliance and Performance Test Methods and Procedures.....</i>	<i>17</i>
<i>Emission Monitoring</i>	<i>18</i>
<i>Recordkeeping and Reporting Requirements.....</i>	<i>19</i>
<i>Acid Rain Requirements.....</i>	<i>21</i>
<i>CAIR Requirements.....</i>	<i>21</i>
SUMMARY PAGE FOR 61 HP DIESEL-FIRED EMERGENCY PORTABLE AIR COMPRESSOR.....	22
PROVISOS FOR 61 HP DIESEL-FIRED EMERGENCY PORTABLE AIR COMPRESSOR.....	23
<i>Applicability.....</i>	<i>23</i>
<i>Emission Standards</i>	<i>23</i>
<i>Compliance and Performance Test Methods and Procedures.....</i>	<i>23</i>
<i>Emission Monitoring</i>	<i>24</i>
<i>Recordkeeping and Reporting Requirements.....</i>	<i>24</i>
ACID RAIN PERMIT.....	ATTACHED

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Transfer</u></p> <p>This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another, except as provided in Rule 335-3-16-.13(1)(a)5.</p> <p>2. <u>Renewals</u></p> <p>An application for permit renewal shall be submitted at least six (6) months, but not more than eighteen (18) months, before the date of expiration of this permit.</p> <p>The source for which this permit is issued shall lose its right to operate upon the expiration of this permit unless a timely and complete renewal application has been submitted within the time constraints listed in the previous paragraph.</p> <p>3. <u>Severability Clause</u></p> <p>The provisions of this permit are declared to be severable and if any section, paragraph, subparagraph, subdivision, clause, or phrase of this permit shall be adjudged to be invalid or unconstitutional by any court of competent jurisdiction, the judgment shall not affect, impair, or invalidate the remainder of this permit, but shall be confined in its operation to the section, paragraph, subparagraph, subdivision, clause, or phrase of this permit that shall be directly involved in the controversy in which such judgment shall have been rendered.</p> <p>4. <u>Compliance</u></p> <p>(a) The permittee shall comply with all conditions of ADEM Admin. Code 335-3. Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and ADEM Admin. Code 335-3 and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application by the permittee.</p> <p>(b) The permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.</p>	<p>Rule 335-3-16-.02(6)</p> <p>Rule 335-3-16-.12(2)</p> <p>Rule 335-3-16-.05(e)</p> <p>Rule 335-3-16-.05(f)</p> <p>Rule 335-3-16-.05(g)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>5. <u>Termination for Cause</u></p> <p>This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance will not stay any permit condition.</p> <p>6. <u>Property Rights</u></p> <p>The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.</p> <p>7. <u>Submission of Information</u></p> <p>The permittee must submit to the Department, within 30 days or for such other reasonable time as the Department may set, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon receiving a specific request, the permittee shall also furnish to the Department copies of records required to be kept by this permit.</p> <p>8. <u>Economic Incentives, Marketable Permits, and Emissions Trading</u></p> <p>No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.</p> <p>9. <u>Certification of Truth, Accuracy, and Completeness:</u></p> <p>Any application form, report, test data, monitoring data, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.</p> <p>10. <u>Inspection and Entry</u></p> <p>Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the</p>	<p>Rule 335-3-16-.05(h)</p> <p>Rule 335-3-16-.05(i)</p> <p>Rule 335-3-16-.05(j)</p> <p>Rule 335-3-16-.05(k)</p> <p>Rule 335-3-16-.07(a)</p> <p>Rule 335-3-16-.07(b)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>following:</p> <ul style="list-style-type: none"> (a) Enter upon the permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept pursuant to the conditions of this permit; (b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit; (c) Inspect, at reasonable times, this facility's equipment (including monitoring equipment and air pollution control equipment), practices, or operations regulated or required pursuant to this permit; (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements. 	
<p>11. <u>Compliance Provisions</u></p> <ul style="list-style-type: none"> (a) The permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance. (b) The permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit. 	<p>Rule 335-3-16-.07(c)</p>
<p>12. <u>Compliance Certification</u></p> <p>A compliance certification shall be submitted yearly no later than February 28th unless more frequent periods are specified according to the specific rule governing the source or required by the Department. The compliance certification shall cover the reporting period of January 1st through December 31st of each year.</p> <ul style="list-style-type: none"> (a) The compliance certification shall include the following: <ul style="list-style-type: none"> (1) The identification of each term or condition of this permit that is the basis of the certification; (2) The compliance status; (3) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with Rule 	<p>Rule 335-3-16-.07(e)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>335-3-16-.05(c) (Monitoring and Recordkeeping Requirements);</p> <p>(4) Whether compliance has been continuous or intermittent;</p> <p>(5) Such other facts as the Department may require to determine the compliance status of the source;</p> <p>(b) The compliance certification shall be submitted to:</p> <p style="text-align: center;">Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463</p> <p style="text-align: center;">and to:</p> <p style="text-align: center;">Air and EPCRA Enforcement Branch EPA Region IV 61 Forsyth Street, SW Atlanta, GA 30303</p>	
<p>13. <u>Reopening for Cause</u></p> <p>Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit:</p> <p>(a) Additional applicable requirements under the Clean Air Act of 1990 become applicable to the permittee with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire.</p> <p>(b) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit.</p> <p>(c) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions</p>	<p>Rule 335-3-16-.13(5)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>standards or other terms or conditions of this permit.</p> <p>(d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.</p>	
<p>14. <u>Additional Rules and Regulations</u></p> <p>This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.</p>	<p>§22-28-16(d), Code of Alabama 1975, as amended</p>
<p>15. <u>Equipment Maintenance or Breakdown</u></p> <p>(a) In the case of shutdown of air pollution control equipment (which operates pursuant to any permit issued by the Director) for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Director at least twenty-four (24) hours prior to the planned shutdown, unless such shutdown is accompanied by the shutdown of the source which such equipment is intended to control. Such prior notice shall include, but is not limited to the following:</p> <ol style="list-style-type: none"> (1) Identification of the specific facility to be taken out of service as well as its location and permit number; (2) The expected length of time that the air pollution control equipment will be out of service; (3) The nature and quantity of emissions of air contaminants likely to occur during the shutdown period; (4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; (5) The reasons that it would be impossible or impractical to shut down the source operation during the maintenance period. <p>(b) In the event that there is a breakdown of equipment or upset of process in such a manner as to cause, or is expected to cause, increased emissions of air</p>	<p>Rule 335-3-1-.07(1), (2)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>contaminants which are above an applicable standard, the person responsible for such equipment shall notify the Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director shall be notified when the breakdown has been corrected.</p>	
<p>16. <u>Operation of Capture and Control Devices</u></p> <p>All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.</p>	<p>§22-28-16(d), Code of Alabama 1975, as amended</p>
<p>17. <u>Obnoxious Odors</u></p> <p>This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.</p>	<p>Rule 335-3-1-.08</p>
<p>18. <u>Fugitive Dust</u></p> <p>(a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.</p> <p>(b) Plant or haul roads and grounds will be maintained in the following manner so that dust will not become airborne. A minimum of one, or a combination, of the following methods shall be utilized to minimize airborne dust from plant or haul roads and grounds:</p> <p>(1) By the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic;</p> <p>(2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are</p>	<p>Rule 335-3-4-.02</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>created;</p> <p>(3) By paving;</p> <p>(4) By the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions;</p> <p>Should one, or a combination, of the above methods fail to adequately reduce airborne dust from plant or haul roads and grounds, alternative methods shall be employed, either exclusively or in combination with one or all of the above control techniques, so that dust will not become airborne. Alternative methods shall be approved by the Department prior to utilization.</p>	
<p>19. <u>Additions and Revisions</u></p> <p>Any modifications to this source shall comply with the modification procedures in Rules 335-3-16-.13 or 335-3-16-.14.</p>	<p>Rule 335-3-16-.13 and .14</p>
<p>20. <u>Recordkeeping Requirements</u></p> <p>(a) Records of required monitoring information of the source shall include the following:</p> <p>(1) The date, place, and time of all sampling or measurements;</p> <p>(2) The date analyses were performed;</p> <p>(3) The company or entity that performed the analyses;</p> <p>(4) The analytical techniques or methods used;</p> <p>(5) The results of all analyses; and</p> <p>(6) The operating conditions that existed at the time of sampling or measurement.</p> <p>(b) Retention of records of all required monitoring data and support information of the source for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation</p>	<p>Rule 335-3-16-.05(c)2</p>

General Permit Provisos

[illegible]

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>(3) A description of the process(es) to be tested including the feed rate, any operating parameters used to control or influence the operations, and the rated capacity.</p> <p>(4) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.</p> <p>A pretest meeting may be held at the request of the source owner or the Air Division. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.</p> <p>All test reports must be submitted to the Air Division within 30 days of the actual completion of the test unless an extension of time is specifically approved by the Air Division.</p>	<p>Rule 335-3-1-.04</p>
<p>23. <u>Payment of Emission Fees</u></p> <p>Annual emission fees shall be remitted each year according to the fee schedule in ADEM Admin. Code R. 335-1-7-.04.</p>	<p>Rule 335-1-7-.04</p>
<p>24. <u>Other Reporting and Testing Requirements</u></p> <p>Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require emission testing at any time.</p>	<p>Rule 335-3-1-.04(1)</p>
<p>25. <u>Title VI Requirements (Refrigerants)</u></p> <p>Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances as listed in 40 CFR Part 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR Part 82, Subpart F.</p> <p>No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any device except as provided in 40 CFR Part 82, Subpart F.</p> <p>The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR 82.166. Reports</p>	<p>335-3-16-.05(a)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>shall be submitted to the US EPA and the Department as required.</p> <p>26. <u>Chemical Accidental Prevention Provisions</u></p> <p>If a chemical listed in Table 1 of 40 CFR Part 68.130 is present in a process in quantities greater than the threshold quantity listed in Table 1, then:</p> <ul style="list-style-type: none"> (a) The owner or operator shall comply with the provisions in 40 CFR Part 68. (b) The owner or operator shall submit one of the following: <ul style="list-style-type: none"> (1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR Part 68 § 68.10(a) or, (2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. <p>27. <u>Display of Permit</u></p> <p>This permit shall be kept under file or on display at all times at the site where the facility for which the permit is issued is located and will be made readily available for inspection by any or all persons who may request to see it.</p> <p>28. <u>Circumvention</u></p> <p>No person shall cause or permit the installation or use of any device or any means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate the Division 3 rules and regulations.</p> <p>29. <u>Visible Emissions</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%. Opacity will be determined by 40 CFR Part 60, Appendix A, Method 9, unless otherwise</p>	<p>40 CFR Part 68</p> <p>Rule 335-3-14-.01(1)(d)</p> <p>Rule 335-3-1-.10</p> <p>Rule 335-3-4-.01(1)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
specified in the Unit Specific provisos of this permit.	
30. <u>Fuel-Burning Equipment</u>	
(a) Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge particulate emissions in excess of the emissions specified in Rule 335-3-4-.03.	Rule 335-3-4-.03
(b) Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge sulfur dioxide emissions in excess of the emissions specified in Rule 335-3-5-.01.	Rule 335-3-5-.01
31. <u>Process Industries – General</u>	
Unless otherwise specified in the Unit Specific provisos of this permit, no process may discharge particulate emissions in excess of the emissions specified in Rule 335-3-4-.04.	Rule 335-3-4-.04
32. <u>Averaging Time for Emission Limits</u>	
Unless otherwise specified in the permit, the averaging time for the emission limits listed in this permit shall be the nominal time required by the specific test method.	Rule 335-3-1-.05
33. <u>Emissions Inventory Reporting Requirements</u>	
In order to meet the statewide emissions inventory reporting requirements under 40 CFR 51, Appendix A, the permittee shall comply with the reporting requirements under ADEM Admin. Code r. 335-3-1-.15.	Rule 335-3-1-.15
34. <u>Permit Shield</u>	
A permit shield exists under this operating permit in accordance with ADEM Admin. Code 335-3-16-.10 in that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance. The permit shield is based on the accuracy of the information supplied in the application for this permit. Under this shield, it has been determined that requirements listed as non-applicable in the application are not applicable to this source.	Rule 335-3-16-.10

Summary Page for Four (4) 170 MW Natural Gas/Distillate Fuel Oil Fired combustion Turbines

Permitted Operating Schedule: 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
CT1, CT2 CT3, CT4	Four (4) - 170 MW Natural Gas/Distillate Fuel Oil Fired Combustion Turbines	PM	Natural Gas – 0.009 lb/MMBtu & 9.0 lb/hr Distillate Oil – 0.015 lb/MMBtu & 17.0 lb/hr	ADEM Admin. Code r. 335-3-14-.04(9)(b) BACT
		NO _x	75 ppmv (adjusted for heat rate and fuel bound nitrogen) (4 hour avg) Natural Gas – 50%-100% load: 0.033 lb/MMBtu & 64.1 lb/hr (annual avg) 50%-100% load: 0.044 lb/MMBtu & 85.5 lb/hr (3-hour avg) Peak load: 0.055 lb/MMBtu & 110.6 lb/hr Distillate Oil – 50%-100% load: 0.163 lb/MMBtu & 342.5 lb/hr	40 CFR 60, Subpart GG ADEM Admin. Code r. 335-3-14-.04(9)(b) BACT
		SO ₂	150 ppmv or fuel S content ≤ 0.8% Natural Gas – 0.006 lb/MMBtu & 10.7 lb/hr Distillate Oil – 0.06 lb/MMBtu & 105.9 lb/hr Fuel sulfur content ≤ 0.05%	40 CFR 60, Subpart GG ADEM Admin. Code r. 335-3-14-.04(9)(b) BACT
		CO	Natural Gas – 50%-100% load: 0.017 lb/MMBtu & 31.8 lb/hr Peak load: 0.026 lb/MMBtu & 53.5 lb/hr Distillate Oil – 50%-100% load: 0.064 lb/MMBtu & 78.6 lb/hr	ADEM Admin. Code r. 335-3-14-.04(9)(b) BACT
		Sulfuric Acid Mist	Natural Gas – 0.0004 lb/MMBtu & 0.82 lb/hr Distillate Oil – 0.0039 lb/MMBtu & 8.1 lb/hr	ADEM Admin. Code r. 335-3-14-.04(9)(b) BACT
		Opacity	10%	ADEM Admin. Code r. 335-3-14-.04(9)(b) BACT

Provisos for Four (4) 170 MW Natural Gas/Distillate Fuel Oil Fired combustion Turbines

Federally Enforceable Provisos	Regulations
<u>Applicability</u>	
1. These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16, "Major Source Operating Permits."	Rule 335-3-16
2. These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-14-.04, "Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]."	Rule 335-3-14-.04
3. The four (4) combustion turbine units are subject to the provisions of ADEM Admin. Code r. 335-3-10-.02(33), 40 CFR 60 Subpart GG "Standards of Performance for Stationary Gas Turbines."	Rule 335-3-10-.02(33) 40 CFR 60 Subpart GG
4. These units are subject to the Acid Rain Rules contained in Rule 335-3-18 and 40 CFR Part 72, 75, and 76. The applicable Acid Rain Permit is contained in the Acid Rain portion of this Operating Permit.	Rule 335-3-18 and 40 CFR Parts 72, 75, and 76
5. Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions are incorporated as enforceable conditions of this permit.	Rule 335-3-16-.05(a)2
6. These sources are subject to the applicable provisions of the Cross-State Air Pollution Rule found in ADEM Admin. Code r. 335-3-5-.06 through 335-3-5-.36 and ADEM Admin. Code r. 335-3-8-.07 through 335-3-8-.70.	Rules 335-3-5-.06 through 335-3-5-.36 and Rules 335-3-8-.07 through 335-3-8-.70
<u>Emission Standards</u>	
1. The nitrogen oxide emissions from each combustion turbine stack shall not exceed 75 ppmv (corrected to 15% oxygen on a dry basis), based upon 4-hour rolling averages, with an upward adjustment for heat rate and fuel bound nitrogen.	Rule 335-3-10-.02(33) 40 CFR §60.332
2. Sulfur dioxide emissions from each combustion turbine stack shall not exceed 150 ppmv or the sulfur content of all fuels burned in the combustion turbines shall not exceed 0.8% by weight.	Rule 335-3-10-.02(33) 40 CFR §60.333
3. The nitrogen oxide emission rate from each combustion turbine stack, when firing natural gas from 50%-100% load, shall not exceed 0.033 lb/MMBtu and 64.1 lb/hr on an annual average and 0.044 lb/MMBtu and 85.5 lb/hr on a rolling 3-hour average.	Rule 335-3-14-.04(9) BACT

Federally Enforceable Provisos	Regulations
4. The nitrogen oxide emission rate from each combustion turbine stack, while firing fuel oil, shall not exceed 0.163 lb/MMBtu and 342.5 lb/hr on a rolling 3-hour average.	Rule 335-3-14-.04(9) BACT
5. The nitrogen oxide emission rate from each combustion turbine stack, while firing natural gas during peak load conditions, shall not exceed 0.055 lb/MMBtu and 110.6 lb/hr on a rolling 3-hour average.	Rule 335-3-14-.04(9) BACT
6. The carbon monoxide emission rate from each combustion turbine stack shall not exceed 0.017 lb/MMBtu and 31.8 lb/hr when firing natural gas from 50%-100% load and 0.064 lb/MMBtu and 78.6 lb/hr when firing fuel oil.	Rule 335-3-14-.04(9) BACT
7. The carbon monoxide emission rate from each combustion turbine stack shall not exceed 0.026 lb/MMBtu and 53.5 lb/hr when firing natural gas during peak load conditions.	Rule 335-3-14-.04(9) BACT
8. The particulate matter emission rate from each combustion turbine stack shall not exceed 0.009 lb/MMBtu and 9.0 lb/hr when firing natural gas and 0.015 lb/MMBtu and 17.0 lb/hr when firing fuel oil.	Rule 335-3-14-.04(9) BACT
9. The sulfur dioxide emission rate from each combustion turbine stack shall not exceed 0.006 lb/MMBtu and 10.7 lb/hr when firing natural gas and 0.06 lb/MMBtu and 105.9 lb/hr when firing fuel oil.	Rule 335-3-14-.04(9) BACT
10. The sulfuric acid mist emission rate from each combustion turbine stack shall not exceed 0.0004 lb/MMBtu and 0.82 lb/hr when firing natural gas and 0.0039 lb/MMBtu and 8.1 lb/hr when firing fuel oil.	Rule 335-3-14-.04(9) BACT
11. Visible emissions from each combustion turbine stack shall not exceed 10% opacity.	Rule 335-3-14-.04(9) BACT
12. The emission standards in Items 3 through 11 apply except during startup, shutdown, and load change as defined below, and during fuel transfer from natural gas to fuel oil or from fuel oil to natural gas.	Rule 335-3-14-.03(1)(h)1
<div>Startup:</div> <div>The period from when the combustion turbine is started until it reaches 50% load. This period shall be readily identifiable on the load chart recording.</div>	

Federally Enforceable Provisos	Regulations
<p>Shutdown: The period when the combustion turbines are shutting down from 50% load to 0% load. This period shall be readily identifiable on the load chart recording.</p>	
<p>Load Change: A rapid change in the electrical loading of a unit that is readily identifiable on the load chart recording.</p>	
<p>13. Each combustion turbine shall fire only natural gas or distillate fuel oil. The sulfur content of the distillate fuel oil shall not exceed 0.05% by weight.</p>	<p>Rule 335-3-14-.04(9) BACT</p>
<p>14. The combustion turbines shall not be operated at a load less than that designated as 50%, except during startup or shutdown.</p>	<p>Rule 335-3-14-.04(9) BACT</p>
<p>15. Each of the combustion turbines shall not operate more than 4000 hours in any consecutive 12-month period.</p>	<p>Rule 335-3-14-.04(9) BACT</p>
<p>16. Each of the combustion turbines shall not burn distillate fuel more than 1000 hours in any consecutive 12-month period.</p>	<p>Rule 335-3-14-.04(9) BACT</p>
<p>17. Each of the combustion turbines shall not operate in peak mode more than 500 hours in any consecutive 12-month period.</p>	<p>Rule 335-3-14-.04(9) BACT</p>
<p>18. Emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder are prohibited.</p>	<p>Rule 335-3-16-.05(d)</p>
<p><u>Compliance and Performance Test Methods and Procedures</u></p>	
<p>1. The continuous emissions monitor system (CEMS) required by Proviso 1 of the Emissions Monitoring section shall be used to determine compliance the applicable nitrogen oxide emission limits. Method 20 of Appendix A in 40 CFR Part 60 may also be used to determine compliance with the nitrogen oxides and oxygen concentrations. Alternate methods may be utilized if approved in advance by the Department.</p>	<p>Rule 335-3-1-.05(1)</p>

Federally Enforceable Provisos	Regulations
2. The owner or operator shall determine compliance with the fuel sulfur content requirements as follows: ASTM D 1072-80 or 90 (Reapproved 1994), D 2880-71, D 3031-81, D 4084-82 or 94, or D 3246-81, 92, or 96 shall be used for the sulfur content of gaseous fuels. The applicable ranges of some ASTM methods mentioned above are not adequate to measure the levels of sulfur in some fuel gases. Alternate methods may be utilized if approved in advance by the Department.	Rule 335-3-1-.05(1)
3. Method 9 of Appendix A in 40 CFR Part 60 shall be used to determine the opacity from the turbines.	Rule 335-3-1-.05(1)
4. Method 10 of Appendix A in 40 CFR Part 60 shall be used to determine the carbon monoxide emissions from the turbines. Alternate methods may be utilized if approved in advance by the Department.	Rule 335-3-1-.05(1)
5. Method 5 or 17 of Appendix A in 40 CFR Part 60 shall be used to determine the particulate matter emissions from the turbines. Alternate methods may be utilized if approved in advance by the Department.	Rule 335-3-1-.05(1)
6. Method 25, 25A, or 25B of Appendix A in 40 CFR Part 60 shall be used to determine the volatile organic compounds emissions from the turbines. Alternate methods may be utilized if approved in advance by the Department.	Rule 335-3-1-.05(1)
7. Method 6, 6A, or 6B of Appendix A in 40 CFR Part 60 shall be used to determine the sulfur dioxide emissions from the turbines. Alternate methods may be utilized if approved in advance by the Department.	Rule 335-3-1-.05(1)
8. Any performance tests required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.	Rule 335-3-1-.05(1)
<u>Emission Monitoring</u>	
1. The continuous emissions monitoring systems (CEMS) to measure nitrogen oxide emissions shall continue to be operated at a location approved by the Director. The CEMS shall meet the specifications and procedures of 40 CFR Part 75 and shall be certified and maintained in accordance with 40 CFR Part 75. The NO _x CEMS shall be utilized as a continuous compliance determination method for each of the	Rule 335-3-14-.04 BACT 40 CFR 75

Federally Enforceable Provisos	Regulations
applicable NOx limits based upon the associated averaging times.	
2. Oil sampling and analysis shall be performed in accordance with 40 CFR Part 75, App. D.	40 CFR 75
<u>Recordkeeping and Reporting Requirements</u>	
1. An excess emissions report for the combined turbine/duct burner stack as defined by 40 CFR Part 60, Subpart A, §60.7(c) and (d), will be submitted to the ADEM within 30 days of the end of each calendar quarter in the following format:	Rule 335-3-16-.05(c) 40 CFR 64.9
NOx:	
(A) Source Operating Time (all times and periods in hours)	
(B) Time Monitoring System was Able to Record Source Performance*	
(C) Monitor Availability (%) = $B/A \times 100$	
(D) Total Emissions Periods where the Monitoring System determines emissions are above standards**	
(E) Overall Source Performance (%) = $[(B - D) / B] \times 100$	
(F) Exempt Periods (as applicable)- F (x)	
(1) F 1 = Startup/Shutdown	
(2) F 2 = Load Change	
(G) Net Excess Emissions = $D - \sum F(x)$	
(H) Net Source Performance (%): = $[1 - (G/(B - \sum F(x)))] \times 100$ = $[(B - \sum F(x) - G(x)) / (B - \sum F(x))] \times 100$	
(I) Overall Exceedances (%) - Percent of time above the standard due to all reasons: = 100-E	
(J) Net Exceedances (%) - Percent of time above the standard due to non-exempt reasons: = 100-H	

Federally Enforceable Provisos	Regulations
<p>(K) Exempt Period Exceedances (%) - Percent of time above the standard due to an exempted reason</p> $SU/SD = (F1 / B) \times 100$ $\text{Load Change} = (F2 / B) \times 100$ <p>* Information identifying each period during which the monitoring systems were inoperative (except for zero and span checks) and the nature of the system repairs or adjustments will be maintained and made available upon request.</p> <p>** Report date, time, duration, magnitude, cause and corrective action taken for each occurrence.</p> <p>NOTE: Data recorded during periods of system breakdowns, repairs, adjustments, and calibration checks shall not be included in any of the above data averages.</p> <p>NOTE: Equations used to convert Monitoring System data as monitored to the required reporting standard will be provided with the first quarter report of each calendar year.</p> <p>NOTE: 40 CFR Part 60, Subpart A, §60.7(d) provides additional requirements concerning identification of the monitoring system, changes to the monitoring system, process or controls and certification of the report.</p> <p>2. Records of the following shall be maintained in a file suitable for inspection for a period of at least five years following said recording:</p> <ul style="list-style-type: none"> a. The percent by weight of the sulfur in the fuel oil burned in the combustion turbines. b. Monthly and rolling 12-month total operating hours for each turbine. c. Monthly and rolling 12-month total operating hours for each turbine while firing distillate oil. d. Monthly and rolling 12-month total operating hours for each turbine during peak mode conditions. e. The loads at which the turbines operated. <p>3. These units shall comply with Admin. Code R. 335-3-8-.12, "Monitoring and Reporting".</p> <p><u>Acid Rain Requirements</u></p> <p>1. These units are subject to the Acid Rain rules contained in 40</p>	<p></p> <p>Rule 335-3-16-.05(c)</p> <p>Rule 335-3-8-.12</p>
<p>1. These units are subject to the Acid Rain rules contained in 40</p>	<p>Rule 335-3-18 & 40</p>

Federally Enforceable Provisos	Regulations
CFR Parts 72 and 75. Applicable Acid Rain permits are contained in the Acid Rain portion of this Operating Permit.	CFR Parts 72 and 75
<u>CSAPR Requirements</u>	
1. These units are subject to the applicable provisions of Cross-State Air Pollution Rule(CSAPR) to include all applicable provisions of the SO ₂ Group 2 Trading Program requirements.	Rules 335-3-5-.06 through 335-3-5-.36
2. These units are subject to the applicable provisions of Cross-State Air Pollution Rule(CSAPR) to include all applicable provisions of the NO _x Annual Trading Program requirements.	Rules 335-3-8-.06 through 335-3-8-.70

Summary Page for 61 hp Diesel-fired Emergency Portable Air Compressor

Permitted Operating Schedule: 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
Compressor	61 hp Diesel-fired Emergency Portable Air Compressor	NOx	N/A	N/A
		SO ₂	N/A	N/A
		CO	N/A	N/A
		PM	N/A	N/A
		VOC	N/A	N/A

Provisos for 61 hp Diesel-fired Emergency Portable Air Compressor

Federally Enforceable Provisos	Regulations
<u>Applicability</u>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, "Major Source Operating Permits."	Rule 335-3-16-.03
2. This source is subject to the provisions of ADEM Admin. Code r. 335-3-10-.02(87), 40 CFR 60 Subpart III "Standards of Performance for Stationary Compression Ignition Engines."	Rule 335-3-10-.02(87) 40 CFR Part 60 Subpart III
3. This source is subject to the provisions of ADEM Admin. Code r. 335-3-11-.06(103), 40 CFR 63 Subpart ZZZZ "National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines."	Rule 335-3-10-.02(87) 40 CFR Part 63 Subpart ZZZZ
<u>Emission Standards</u>	
1. This unit must be certified for emission standards according to 40 CFR Part 89.112 and 40 CFR 89.113 for new non-road compression ignition engines for the same model year and maximum engine power for all pollutants.	Rule 335-3-10-.02(87) 40 CFR Part 60 Subpart III
2. This unit must be installed and configured according to the manufacturer's specifications.	Rule 335-3-10-.02(87) 40 CFR Part 60 Subpart III
3. The owner or operator of this unit must install a non-resettable hour meter prior to startup of the engine.	Rule 335-3-10-.02(87) 40 CFR Part 60 Subpart III
4. This unit shall use diesel fuel that meets the requirements of 40 CFR 80.510(b).	Rule 335-3-10-.02(87) 40 CFR Part 60 Subpart III
5. This unit shall be operated and maintained according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine.	Rule 335-3-10-.02(87) 40 CFR Part 60 Subpart III
<u>Compliance and Performance Test Methods and Procedures</u>	
1. Compliance test must be conducted according to the in-use testing procedures in 40 CFR Part 1039 Subpart F.	Rule 335-3-10-.02(87) 40 CFR Part 60 Subpart III

Federally Enforceable Provisos	Regulations
<u>Emission Monitoring</u>	
1. There are no source specific emissions monitoring provisions for this unit.	N/A
<u>Recordkeeping and Reporting Requirements</u>	
1. Records of monthly and rolling 12-month total hours of operation for the compressor shall be kept on site in a form suitable for inspection for a period of at least five years from the date of generation, and shall be made available immediately upon request.	Rule 335-3-14-.01

Phase II Acid Rain Permit

Issued by: Alabama Department of Environmental Management
Issued to: Calhoun Energy Center
Operated by: Calhoun Power Company 1, LLC
ORIS Code: 55409
Effective: May 9, 2016 through May 8, 2021

Acid Rain Permit Contents

- 1) Statement of Basis
- 2) SO₂ allowances allocated under this permit and NO_x requirements for each affected unit.
- 3) Comments, notes and justifications regarding permit decisions and changes made to the permit application forms during the review process and any additional requirements or conditions.
- 4) The Phase II Permit Application submitted for this source. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the Phase II Permit Application.
- 5) Summary of Previous Actions and Current Action.

1) Statement of Basis:

Statutory and Regulatory Authorities: In accordance with the Code of Alabama 1975, §§ 22-22A-4, 22-22A-6, 22-22A-8, 22-28-14, and Titles IV and V of the Clean Air Act, the Alabama Department of Environmental Management issues this permit pursuant to ADEM Admin. Codes 335-3-16 and 335-3-18.

2) SO₂ Allowance Allocations and NO_x Requirements for each affected unit:

		2016	2017	2018	2019	2020
CT1	SO ₂ allowances, under 40 CFR part 73 [tons]	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹
	NO _x limit [lb/MMBtu]	▯NA ²	▯NA ²	▯NA ²	▯NA ²	▯NA ²

		2016	2017	2018	2019	2020
CT2	SO ₂ allowances, under 40 CFR part 73 [tons]	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹
	NO _x limit [lb/MMBtu]	▯NA ²	▯NA ²	▯NA ²	▯NA ²	▯NA ²

		2016	2017	2018	2019	2020
CT3	SO ₂ allowances, under 40 CFR part 73 [tons]	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹
	NO _x limit [lb/MMBtu]	▯NA ²	▯NA ²	▯NA ²	▯NA ²	▯NA ²

		2016	2017	2018	2019	2020
CT4	SO ₂ allowances, under 40 CFR part 73 [tons]	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹
	NO _x limit [lb/MMBtu]	NA ²	NA ²	NA ²	NA ²	NA ²

1. Currently there are no SO₂ allowances allocated to these units by the U.S. EPA. The number of allowances allocated to Phase II affected units by U.S. EPA may change under 40 CFR Part 73. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to SO₂ allowance allocations identified in this permit [See 40 CFR 72.84].
2. 40 CFR Part 76 does not establish a NO_x emission rate for Simple Cycle Combustion Turbine Units CT1, CT2, CT3 and CT4.

3) Comments, Notes, and Justifications: This facility consists of four simple cycle 170 MW Natural Gas/Distillate Oil Fired Combustion Turbines.

It should be noted that the compliance certification report shall cover each calendar year in which year the unit is subject to an Acid Rain limitation.

4) Phase II Permit Application: Attached.

Summary of Previous Actions and Current Action:

Action	Date
1. Draft permit prepared and submitted for public review and comment.	November 8, 2001
2. Permit finalized and issued.	December 12, 2001
3. Draft permit prepared and submitted for public review and comment.	March 26, 2008
4. Permit finalized and re-issued.	May 1, 2008
5. Draft permit prepared and submitted for public review and comment.	March 22, 2011
6. Permit finalized and re-issued.	May 9, 2011
7. Draft permit prepared and submitted for public review and comment.	DRAFT
8. Permit finalized and re-issued.	DRAFT

Ronald W. Gore, Chief
Air Division

Date



Acid Rain Permit Application

For more information, see instructions and 40 CFR 72.30 and 72.31.

This submission is: ☐ New ☐ Revised ☒ for ARP permit renewal

STEP 1

Identify the facility name, State, and plant (ORIS) code.

Calhoun Power Company, LLC	AL	55409
Facility (Source) Name	State	Plant Code

STEP 2

Enter the unit ID# for every affected unit at the affected source in column "a."

a	b
Unit ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)
CT1	Yes
CT2	Yes
CT3	Yes
CT4	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes

Permit Requirements**STEP 3**

Read the standard requirements.

- (1) The designated representative of each affected source and each affected unit at the source shall:
 - (i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in accordance with the deadlines specified in 40 CFR 72.30; and
 - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each affected source and each affected unit at the source shall:
 - (i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
 - (ii) Have an Acid Rain Permit.

Monitoring Requirements

- (1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the source or unit, as appropriate, with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements

- (1) The owners and operators of each source and each affected unit at the source shall:
 - (i) Hold allowances, as of the allowance transfer deadline, in the source's compliance account (after deductions under 40 CFR 73.34(c)), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the affected units at the source; and
 - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - (i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or
 - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3).

Sulfur Dioxide Requirements, Cont'd.**STEP 3, Cont'd.**

(4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.

(5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.

(6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.

(7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements

The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements

(1) The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.

(2) The owners and operators of an affected source that has excess emissions in any calendar year shall:

(i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and

(ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements

(1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:

(i) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission

Facility (Source) Name (from STEP 1)

of a new certificate of representation changing the designated representative;

STEP 3, Cont'd.

Recordkeeping and Reporting Requirements, Cont'd.

- (ii) All emissions monitoring information, in accordance with 40 CFR part 75, provided that to the extent that 40 CFR part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,
 - (iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (2) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability

- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
- (6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit.
- (7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities

No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with

Facility (Source) Name (from STEP 1)

any other provision of the Act, including the provisions of title I of the Act relating

STEP 3, Cont'd.**Effect on Other Authorities, Cont'd.**

to applicable National Ambient Air Quality Standards or State Implementation Plans;

(2) Limiting the number of allowances a source can hold; *provided*, that the number of allowances held by the source shall not affect the source's obligation to comply with any other provisions of the Act;

(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;

(4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,

(5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

STEP 4

Read the certification statement, sign, and date.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	Michael S Connelly	
Signature	Michael S Connelly	Date 2/25/2016

